

STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
TECHNICAL SPECIFICATIONS FOR

**MACHINE, TIRE CHANGER, RIM CLAMP**

**REV.4/30/2021**

**General**

These specifications describe the minimum requirements for a Rim Clamp Tire Changer Machine.

This equipment shall be new, a production model of current manufacture, and must meet all state and Federal safety standards in effect at time of delivery.

Any proposed value that is less than a minimum requirement will not be accepted. Any additions, deletions, or variations from the following specifications should be noted in the Bidder's Proposal. Any items appearing in the manufacturer's regular published specifications furnished by the Bidder are assumed to be included in the "Bidder's Proposal." Any additions, deletions or variations from the manufacturer's regular published specifications should be outlined in an attached letter.

**Typical Specifications**

A **Coats RC-55** with appropriate options, was used to develop these specifications.

Equipment of similar style, type, character, quality, features, and purpose conforming to the following detailed requirements/specifications will be considered. To that end and prior to award, the vendor must provide upon request any necessary manufacturer information (catalogue sheets, detailed specifications, pictures, etc.) for any of the exceptions taken on the bid proposal. This information will be evaluated to determine if the aforementioned exception(s) are equal.

These specifications used the standard options/features of the above listed items as the basis and minimum requirements for establishing equivalency.

**Workmanship**

Any unit delivered under this specification is subject to rejection if there is evidence of poor workmanship, by either the vendor or the original manufacturer. Any defect/nonconformity, so noted, may be corrected by the vendor to the satisfaction of the Equipment Engineer or his representative. All defect/nonconformity corrections must be completed before invoices can be processed for payment.

Vendor installation of any portion of equipment unit(s) should be stated in "Bidder's Proposal". Failure to note such installations can result in rejection of the unit(s) at the time of delivery.

Proposed item(s) must be from a manufacturer who has an authorized dealer(s) within the State of Louisiana with properly trained technicians plus all other resources necessary to perform warranty and

repair services on this piece of equipment. All such service must be performed in complete accordance with the manufacturer's requirements. A letter certifying the ability to meet this requirement inclusive of the address(es) of the authorized dealer(s) should be supplied with submittal and may be required prior to award.

Vendor should attach to bid a listing of the Louisiana locations where parts and service can be obtained.

### **Operation**

Unit(s) must have been test run by the vendor for proper operation of all features and capabilities of the make and model described in the successful bidder's proposal, and documentation for verification of the test(s) may be required prior to acceptance by DOTD.

### **Delivery**

Unit(s) delivered to DOTD must be completely assembled (including but not limited to all components, accessories, etc.) and ready for operation. Unit(s) must be delivered "on the ground;" DOTD will not unload from any trucks, trailers, vans, etc. Note: LADOTD will have space available for successful bidder to unload.

### **Service & Inspection**

All dealer pre-delivery inspection (PDI) must be completed prior to acceptance. All fluid levels are to be at full mark. Fuel tank(s) to be full. Any necessary lubrication performed etc. Unit must be completely assembled and ready for operation without any additional preparation.

### **Descriptive Literature**

ONE (1) COPY OF DESCRIPTIVE PRODUCT ADVERTISEMENT-LITERATURE (BROCHURES) SHOULD BE FURNISHED WITH BID.

One (1) copy of the "Build Sheet" should be supplied with each unit. The build sheets should include all standard & optional features of the delivered unit. The build sheet should be in plain language not company specific item codes.

EACH PIECE OF EQUIPMENT WILL BE ACCOMPANIED BY:

1. Certificate of Origin
2. Dealer's Service Policy
3. Owner's/Operator's Manual - one printed copy & one digital copy (CD, DVD, flash drive, or via e-mail)
4. Service Manual(s) - one printed copy & one digital copy (CD, DVD, flash drive, or via e-mail)

Invoices will not be processed for payment until the delivered unit passes inspection for specification compliance.

**TIME OF DELIVERY MAY BE CONSIDERED IN DETERMINING SUCCESSFUL BIDDER**

**NOTICE TO BIDDERS**

Bidder should complete every item described in detail in the "Specification Descriptions" section by either entering a check mark in the space provided to indicate the item being bid is exactly as specified or enter a written description to indicate any proposed item which will deviate from the specifications.

THIS SPECIFICATION SHOULD BE EXECUTED IN ACCORDANCE WITH THE ABOVE INSTRUCTIONS AND RETURNED ALONG WITH BID AND LITERATURE TO BE CONSIDERED FOR AN AWARD.

## EQUIPMENT SPECIFICATIONS

**Note: All Values listed below are minimums unless noted.**

	SPECIFICATION DESCRIPTION	BIDDER'S PROPOSAL
<b>TIRE CHANGING MACHINE</b>		
Type	RIM CLAMP	
Features	<ul style="list-style-type: none"> <li>• Power reverse functionality</li> <li>• Foot Controls</li> <li>• Swing arm</li> <li>• 4 clamps</li> <li>• 3 gallon storage min for seating bead</li> <li>• 60 psi Inflation gauge</li> <li>• 300 psi Air supply gauge</li> </ul>	
Rim Dimensions	<ul style="list-style-type: none"> <li>• Diameter: 6"-24"</li> <li>• Width: 10-1/2in</li> </ul>	
Tire Diameter	50in Max outside	
Air Source	110 to 175 PSI	
Air Drive System	1.5 HP Motor, 15SCFM	
Parts & Service	<ul style="list-style-type: none"> <li>• Vendor should attach to bid a listing of the Louisiana locations where parts and service can be obtained</li> </ul>	